

ABSTRACT OF THE DISCLOSURE

An electrode and a method of manufacturing an electrode with a capacity to store hydrogen, has a metallic substrate material to which an active compound is applied. The active compound is obtainable from a paste which comprises a dry fraction and a liquid fraction. The dry fraction comprises a mixture of a pulverulent storage alloy for hydrogen, soot and polytetrafluoroethylene (PTFE), the particles of the storage alloy being covered with PTFE in the manner of fibrils; and the liquid fraction comprising a mixture of water and a higher alcohol which has from 3 to 6 C atoms.